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(21) International Application Number: PCT/EP99/06502 (22) International Filing Date: 3 September 1999 (03.09.99) (30) Priority Data: 98116652.3 3 September 1998 (03.09.98) EP (71) Applicant (for all designated States except US): CPG IMMUNOPHARMACEUTICALS GMBH [DE/DE]; c/o Qiagen GmbH, Max-Planck-Strasse 4, D-40724 Hilden (DE). (72) Inventors; and (75) Inventors/Applicants (for US only): WAGNER, Hermann [DE/DE]; Kaaganger Strasse 36, D-82279 Eching (DE). LIPFORD, Grayson, B. [US/DE]; Innere Wiener Strasse 7A, D-81667 Munich (DE). HEEG, Klaus [DE/DE]; Ewiges Tal 14, D-35041 Marburg-Michelbach (DE). (74) Agent: VOSSIUS & PARTNER; P.O. Box 86 07 67, D-81634 Munich (DE).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW); Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM); European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE); OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: G-MOTIF OLIGONUCLEOTIDES AND USES THEREOF (57) Abstract <p>The present invention relates to a composition comprising an oligonucleotide comprising (a) the sequence N₁-N₂-G-N₃-G, wherein N₁ represents any nucleotide if N₂ and N₃ are G; N₂ represents any nucleotide if N₁ and N₃ are G; and N₃ represents any nucleotide if N₁ and N₂ are G, or (b) the sequence of (a), wherein at least one nucleotide is replaced by a corresponding nucleotide analog or derivative. The present invention further relates to the use of the composition, and/or the oligonucleotide of the present invention for the production of a pharmaceutical composition for preventing or treating septic shock, inflammation, autoimmune diseases, T_H1-mediated diseases, bacterial infections, parasitic infections, viral infections, spontaneous abortions, and/or tumors.</p>		